

DECORATIVE SURFACE MATERIAL AND MANUFACTURE THEREFOR

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Abstract

PURPOSE: To create easily uneven light and shade with depth and taste like a natural stone by dispersing plastic particles in a manner of being embedded partially in a colored bonding agent layer formed on one face of a transparent film.

CONSTITUTION: A colored bonding agent layer 1 with transparency is formed in uniform thickness on one face of a transparent film base, over which chips 2 are dispersed. The plastic chips 2 are embedded partially in the colored bonding agent layer 1, and the thickness of the colored bonding agent layer 1 is formed less on a chip face side section, while the layer is protruded along the chip peripheral face of a chip peripheral section by surface tension and thicker than other sections. When hot air drying is applied, exposed sections out of the colored bonding agent layers 1 of the dispersed chips 2 can most readily receive heat energy, and the drying speed of the chip peripheral sections is the highest because of the heat transfer from the chips 2 and the large surface areas. As a result, the closer the areas are to the chip peripheral faces, the thicker the shade is, and during said drying, a pigment of the colored bonding agent layer 1 is collected from other sites of the layer to thicken the shade.

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